



RajaRajeswari College of Engineering

(An Autonomous Institution, Affiliated Visvesvaraya Technological University, Belagavi,
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Department of Robotics and Automation

Report on College Level Project Exhibition “ TechXhibition- 2024”

NAME OF THE DEPARTMENT: Department of Robotics and Automation

1. Type Event : Project Exhibition “ TechXhibition- 2024”
2. Venue : Department Lobby
3. Date of the programme : 20th December 2024
4. Time : 9.30 am to 4:00 pm
5. Chief Guest : Mrs. B.P. Dakshayani
Group Director
Flight Dynamics & Space Navigation Group
ISRO Satellite Centre, Bengaluru
6. External Evaluator : Dr Siddesha H S, HOD ME,
ACS College of Engineering, Bengaluru
7. Staff Coordinator : Dr. Satheesha V
HoD R&A
Department of Robotics and Automation
Rajarajeswari College of Engineering
and all the faculty members of the Department of R & A
8. College level coordinator: Dr. Deepika J , Associate Professor, ECE
Mrs. Haritha K Sivaraman, Assistant Professor, ECE
9. Students participated : 7th semester students of Robotics and Automation &
Mechanical Engineering
10. Outcome of the Programme:
 - **Showcasing Innovation:** Students presented cutting-edge robotic designs and automated systems, addressing real-world challenges across industries such as manufacturing, healthcare, and energy.
 - **Hands-on Learning:** The exhibition provided an opportunity for students to apply theoretical knowledge in real-world projects, enhancing their technical expertise and problem-solving abilities.
 - **Collaboration and Teamwork:** The projects emphasized teamwork, as students collaborated to design, develop, and test their creations, fostering skills in cooperation and communication.
 - **Industry-Relevant Solutions:** Many projects presented potential solutions for sectors like agriculture, logistics, and healthcare, highlighting the students' capacity to address industry needs with innovative automation.
 - **Interdisciplinary Approach:** The projects integrated various engineering fields, such as mechanical, electrical, and software engineering, and explored cutting-edge technologies like AI and IoT.
 - **Exposure to Emerging Technologies:** Students experimented with advanced technologies such as autonomous vehicles, AI-driven automation, and sensor-based systems, broadening their understanding of future trends.



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An Autonomous Institution

Under VTU, Approved by AICTE, UGC & GoK



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Resource Person



Mrs. B.P. Dakshayani

Group Director
Flight Dynamics & Space
Navigation Group
ISRO Satellite Centre

In Association with Dept. of AI&ML,
CSE, Civil, EEE, ISE, ME and R & A

Organizing
College Level Project Exhibition

“TechXhibition - 2024”



20.12.2024

09:30 AM

Venue:

Dr. APJ Abdul Kalam Hall

**Faculty Coordinators - Dr. Deepika J, Assoc. Professor &
Mrs. Haritha K Sivaraman, Asst. Professor**

Dr. Sunitha R
HOD - ECE

Dr. Manjunath
Dean - R & D

Dr. L. Rangaiah
Dean - Academics

Dr. Balakrishna R
Principal



www.rrce.org



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9008845678



No. 14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bangalore

Poster

Campus: #14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru – 560074



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Lighting the lamp by Chief Guest, faculty members and students during Project Exhibition “TechXhibition- 2024”



Principal Dr R Balakrishna addressing the students during the programme



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Chief Guest Mrs.B.P. Dakshayani addressing the students



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Dr Siddesha H S, External Evaluator interacting with the 7th sem R&A students



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7th sem R&A students displayed their project



7th sem R&A students displayed their project



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7th sem R&A students displayed their project



Dr Siddesha H S, External Evaluator interacting with the 7th sem R&A students



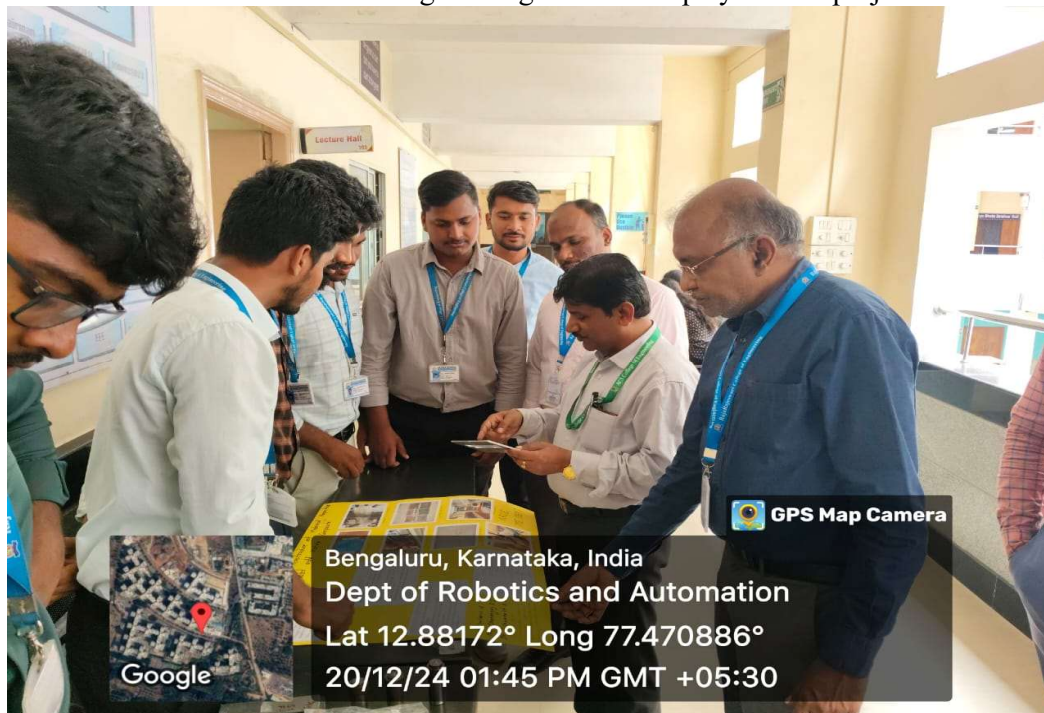
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7th sem Mechanical Engineering students displayed their project



Dr Siddesha H S, External Evaluator interacting with the 7th sem ME students



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7th sem Mechanical Engineering students displayed their project



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7th sem ME students are with Dr Siddesha H S, External Evaluator.

- Report prepared by
Dr.M.Karthikeyan,
Deputy CoE and Professor-R&A